

HEADQUARTERS
UNITED STATES ARMY MATERIEL COMMAND
WASHINGTON, D.C. 20315

AMC REGULATION
NUMBER 750-27

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MAINTENANCE OF SUPPLIES AND EQUIPMENT
AMC MANAGEMENT UTILIZATION OF FEEDBACK DATA

	Paragraph	Page
Purpose -----	1	1
Scope -----	2	1
Definitions -----	3	2
General -----	4	3
Objectives -----	5	3
Policy -----	6	3
Responsibilities -----	7	4
Procedures -----	8	4
References -----	9	8
Appendix I. Utilization of Excessive Failure Data Reports.		9

1. Purpose. a. This regulation prescribes policies, responsibilities, and guidance for establishing a standard method of transmitting data to each commodity command from the AMC Logistic Data Center, Lexington-Blue Grass Army Depot, Lexington, Kentucky.

b. It directs the development of a "closed loop" maintenance management system using management by exception techniques relating to the preparation and utilization of reports.

c. It provides the logistical manager with a means of analyzing the Materiel Readiness Report (Reports Control Symbol CSGLD-1042 (R1)) (DA Form 2406) and other reports recorded and forwarded by automatic data processing (ADP) by the AMC Logistic Data Center.

2. Scope. a. This regulation applies to Headquarters, U.S. Army Materiel Command (AMC); AMC major subordinate commands (including subordinate installations and activities); project managers; and separate installations and activities reporting directly to Headquarters, AMC.

b. The first application to be covered by this regulation is failure data. Other applications will be

covered by the addition of appendixes to this regulation as the rationale is developed.

3. Definitions. For the purpose of this regulation, the following definitions apply:

a. Maintenance data file. This file provides information on the number of maintenance actions performed on a particular type and model weapons system/commodity and the man-hours expended in performing the actions. It also reflects the results of inspection and time change interval analysis, incidents involving possible materiel failure, and maintenance requirements resulting from either design or maintainability deficiency.

b. Standard transfer record. A summary (tape) prepared by the AMC Logistic Data Center which provides the appropriate national maintenance points (NMP's) with essential elements of data extracted from The Army Equipment Records System (TAERS) forms.

c. Closed-loop management. The logic and cycle which insures that maintenance management tools result from the incidence of raw data reported by the field, and that these tools are utilized to satisfy the information requirements of both the commodity commands and higher headquarters related to those items selected for maintenance management.

d. Maintainability. Characteristics of the equipment and components that will be determined or predicted in terms of their contribution to the overall maintainability characteristics required to achieve the system operational requirements at each level of maintenance. Factors considered will include, but are not limited to, mean time between failures, mean time for repair, mean time for scheduled maintenance, technical skills, special equipment, level of maintenance and location of facilities, operational environment, requirements for exchange components and spare parts, and time between overhaul.

e. Reliability. The probability that a system will perform satisfactorily without a maintenance failure for a predetermined usage measurement, e.g., M/H/R (miles/hours/rounds). The underlying distribution of times to failure or times to malfunction is the basis of practically all reliability measurements.

f. National maintenance point. That support activity which is responsible to the appropriate commodity command for maintenance management of a specific item(s), family of items, and commodity areas.

g. Deficiencies. Those failures which are highlighted in the failure data exception reports and summaries (sec II, app I).

4. General. a. The commodity command is the Army element primarily responsible for the management of logistical support of specified systems and items, components, or repair parts. In that capacity the commodity command is responsible for:

(1) Planning and programing for the full range of Army logistical support.

(2) Coordinating the solution to equipment materiel problems of the using commands.

(3) Satisfying item demands.

b. Each commodity command has a functional responsibility for quality control, maintenance engineering, equipment improvement, initial provisioning, publication updating, resupply, etc. The technique of management in these functional areas incorporates statistical methodology. The procedures contained herein contribute to the concept of the management cycle, involving all applicable functional responsibilities.

c. The improvement of an item as a product of the management cycle includes recognition of probable materiel deficiencies and necessary actions taken to correct them before they become a field problem.

5. Objectives. a. To achieve constant readiness of equipment or systems by assuring that items of materiel and related services meet quality requirements through continual and systematic evaluation of maintenance data to determine means of correcting equipment deficiencies.

b. To establish a system of operations at the commodity commands that will measure and portray management effectiveness in terms of logistical support, performance, effectiveness, and status to progressively higher management levels.

c. To develop management by exception reports on maintenance data which will serve as the basis for review, modification, and standardization of management logic by all the commodity commands.

6. Policy. a. The program outlined in this regulation is designed to improve the maintenance management cycle by providing a tool, through maintenance data exception reports, to assure that actual or potential materiel deficiencies are highlighted and used to correct shortcomings.

Objectively, in-service experience will be reflected in research, development, design, and production activities if proper followup action has resulted from the generated reports.

b. The data elements established in the standard transfer record will provide significant management information for all commodities, which is necessary to assure compliance with the objectives of AR 750-5. It will provide a means of generating, as necessary, those reports to AMC which identify actions taken, completed, in process, or suspended on any item of Army materiel selected for management.

c. The standard transfer record will provide for the continuous feedback of field data from the AMC Logistic Data Center to the commodity commands.

7. Responsibilities. a. The Commanding General, AMC, has staff supervision over, and the responsibility for, the development of the maintenance management program in accordance with the objectives of AR 750-5. In addition, Headquarters, AMC, staff elements, will serve as the focal point for the analysis of volumes I and II of the materiel readiness report, as forwarded to the Department of the Army.

b. AMC commodity commands will use maintenance management feedback data in the analysis of equipment, component, or parts failures. Requests for corrective actions will be disseminated to the equipment user. The commodity commands will be responsive to questions from higher headquarters in support of materiel readiness studies and equipment reliability and maintainability factors.

8. Procedures. a. These procedures apply to all commodity commands responsible for logistical support of Army materiel. Each commodity command will operate an automated central maintenance data file. This data file will be utilized by the maintenance managers in the following areas:

- (1) Equipment failure data evaluation.
- (2) Development and revision of maintenance allocation and repair parts allowances.
- (3) Review of repair procedures.
- (4) Maintenance review.
- (5) Development and revision of repair and overhaul criteria.

(6) Development and revision of maintenance man-hour requirements at field and maintenance support levels.

(7) Review and revision of periodic maintenance services.

(8) Equipment standardization study.

(9) Determining the adequacy of modification work order (MWO) performance by followup action.

b. Headquarters, AMC, elements, will:

(1) Review and analyze volumes I and II of the materiel readiness report. Take positive action indicated by such analysis to adjust:

(a) Continental United States (CONUS) deployable assets.

(b) Rebuild schedules.

(c) Procurement schedules.

(2) Establish a target date for relieving (makeup) shortages reported by adjustments in (1) above.

(3) Request an automatic trend analysis from the responsible commodity maintenance manager of those parts, failures, or shortages reported in volume II of the materiel readiness report and commented on by the commanders.

(4) Review inventory of parts, utilize data available in supply status, and review maintenance allocation charts (MAC's) for theater use.

(5) Coordinate with commodity commands to assure that computer time and personnel are available for processing priority maintenance data.

(6) Establish criteria for maximum feasible edit of data by the AMC Logistic Data Center prior to submission to the commodity commands.

(7) Assure that tapes furnished by the AMC Logistic Data Center are converted to processing compatibility at each commodity command.

(8) Exercise overall AMC staff supervision for managing actions implemented by this procedure.

(9) Review data requirements reported for those actions taken as a result of maintenance data evaluation at the commodity commands, such as:

(a) Change of maintenance factors which affect provisioning, supply, and/or publication activities.

(b) Reliability of equipment based on increments of usage, age, manufacturer, etc.

(c) Maintainability of specific equipment (e.g., on times between failure, downtime).

(10) Assure review by all directorates of the equipment improvement report (EIR) digest to assure that maintenance actions contained therein have resulted in corollary actions, when applicable, to publication change, supply action, and readiness appraisal.

(11) Review, analyze, and adjust equipment serviceability criteria.

c. Commodity commands. The commodity commands will insure accomplishing such logistical support actions as:

(1) Establishing engineering data requirements.

(2) Provisioning the development of supplemental program data for components and parts requirements computation.

(3) Developing support capability status reports.

(4) Providing engineering services on systems, items, components, or repair parts.

(5) Supporting overhaul programs.

(6) Assuring compatibility of modifications.

(7) Maintaining current status of the central maintenance data file by updating from the standard transfer record furnished by the AMC Logistic Data Center.

(8) Developing management techniques (AR 750-2) to utilize the automated reports and summaries generated by TAERS.

(9) Implementing excessive failure reports and summaries applicable to the components and parts of components of end items listed in the DA Form 2408-3 (Equipment Maintenance Record (Organizational)) column and the DA Form 2410 (Component Removal and Repair/Overhaul) column of appendix III, TM 38-750.

(10) Implementing excessive failures management techniques, reports, and summaries on all the items reportable under TAERS (app I) to satisfy specific requirements (para 20, AR 750-5).

(11) Assuring that implementation ((3) above) includes review of excessive failure reports by the appropriate functional activities and that the review and analysis results in corrective action.

(12) Assuring that the management actions taken include as a minimum:

(a) Appropriate adjustments of the economics of maintenance.

(b) Adjustment, as necessary, to maintenance man-hour requirements.

(c) Product improvement.

(d) Revision of preventive maintenance criteria, as required.

(e) Review, analysis, and adjustment, as necessary, of maintenance allocations and provisions.

(f) Review and analysis of parts components failure data and repair/overhaul data to increase maintainability, reliability, and time between overhaul of equipment.

(13) Updating the appropriate section of TM 38-750-2 in consonance with this directive, as necessary.

d. AMC Logistic Data Center. The AMC Logistic Data Center, Lexington-Blue Grass Army Depot, will:

(1) Convert all maintenance data furnished through TAERS reports to tapes. The tapes will be transmitted to the commodity commands without "tape labels" because of ADP equipment differences at the various installations.

(a) The record content and positioning formats which identify the card code and card columns required for the tape alignments of the standard transfer record are prescribed in appendix I.

(b) The data processing storage layouts which identify the standard transfer record for transmittal to the commodity commands by the AMC Logistic Data Center are prescribed in appendix I.

(2) Verify the Federal stock numbers (end item and parts) entered on Department of the Army forms originating through TAERS.

(3) Provide the commodity commands with a cross-reference of the organization identification code and the unit identification code. This cross-reference will be provided by request only.

e. AMC Logistic Systems Support Center. The AMC Logistic Systems Support Center (AMCLSSC), Letterkenny Army Depot, will:

(1) In coordination with the commodity managers, develop appropriate maintenance applications to be included as sequential appendixes to this regulation. Such additional areas will include, but not be limited to, MWO control, man-hours utilization reporting, etc.

(2) Monitor the implementation of appendixes to this regulation on a Headquarters, AMC, project-assignment basis in accordance with assigned AMCLSSC mission and functional responsibilities.

(3) Provide assistance to the commodity managers and the AMC Logistic Data Center, as required, on problems related to record and format design contained in appendix I.

(4) Review requested changes to this regulation and take appropriate action. Request for changes to this regulation will be forwarded to the Commanding Officer, Letterkenny Army Depot, ATTN: AMXLE-NSM.

9. References. The following publications are associated with this regulation:

- a. MIL-STD-105D.
- b. AR 750-2.
- c. AR 750-5.
- d. TM 38-750.
- e. TM 38-750-1.
- f. TM 38-750-2.
- g. AMCR 18-3.

Appendix I

UTILIZATION AND EXCESSIVE FAILURE DATA REPORTS

1. Sections I and II contain formats of the standard transfer record furnished the national maintenance points (NMP's) by the AMC Logistic Data Center, Lexington-Blue Grass Army Depot, and model formats to provide reports and summaries for management and for utilizing failure data.
2. Four excessive failure reports are shown as model formats (sec II). Data elements listed in paragraph 3e(6) are the minimum data required to provide management information to higher headquarters. It will be mandatory to include these data elements in the excessive failure data report (para 3e(5)(a)). The additional failure data model type reports shown (other than the excessive failure report) may be used in part or in total as management tools. This will be a command decision in each commodity area, and utilization of all reports shown will not be mandatory. Other internal reports are not precluded, specifically, as they relate to commodity peculiarities.
3. NMP's at the commodity commands will be responsible for preparing and utilizing failure data exception type summaries or reports to:
 - a. Provide a trend analysis, using a base line of 1-year's data. The data will be segmented by quarters, as a minimum, to provide a trend analysis. This does not preclude more frequent segmented reporting, when necessary.
 - b. Assure that all failure data exception type reports are coded and a maintenance factor provided prior to machine processing.
 - c. Assure that all failure data exception type reports related to commodity areas of vehicles or aircraft provide for materiel status by age, usage in miles/hours/rounds, and geographic location.
 - d. Develop a maintenance rate as a base line and establish a high and low parameter to determine excessive parts failure by adaptation of the two sigma deviation principles contained in MIL-STD-105D. An example of this formula is as follows: maintenance rate percent
$$+ \frac{\sqrt{M/R (1-M/R)}}{100}$$

For the purpose of this regulation, the application of a deviation formula will be mandatory; however, each commodity command will determine the base line maintenance rate for each item managed.

e. Assure that the management logic and the management cycle provide a closed-loop type of management by evaluating failure data by exception reports; through action taken by appropriate functions of the command to correct such failures; and to allow immediate response to questions by higher headquarters concerning equipment to which these failure data are relevant. Each NMP will accomplish this management cycle as follows:

(1) Designate a central point or office as a point for coordinating maintenance actions resulting from this directive.

(2) Establish procedures within the operating activities of each commodity command to assure timely resolution of deficiencies indicated by the failure data reports and summaries. These procedures must establish priority action and control to assure completion of action.

(3) Coordinate with the AMC Logistic Data Center to insure that all pertinent data are included in the machine data processing of field data forwarded to the commodity command for updating the maintenance data file.

(4) Develop all future maintenance data extracts or report requirements as a management tool to accomplish maintenance management actions.

(5) The excessive failures reports (para 2) are:

- (a) Excessive failures report.
- (b) Breakdown by subassembly report.
- (c) Failures by using organization report.
- (d) Breakdown by first indication of trouble report.

(6) The excessive failures report ((5)(a) above) will contain the following management data elements as a minimum:

- (a) Serial number (if possible).
- (b) Federal stock number.
- (c) Nomenclature.
- (d) Maintenance rate (part failure rate).

- (e) Normal quantity.
- (f) High quantity.
- (g) Low quantity.
- (h) Usage by miles/hours/rounds, if applicable.
- (i) Mean time between failure.
- (j) Geographic disposition (to division level).

(7) Include the following elements related to equipment distribution and condition:

- (a) Age.
- (b) Usage by miles/hours/rounds, etc.
- (c) Geographic location.

(8) Use the standard failure data provided by the standard transfer record (sec I, app I) for the purpose(s) and time cycle(s) contained specifically in the above reports. The format for reporting excessive failure summaries for internal use by each NMP may give cognizance to commodity peculiarity. Such format and machine logic will respond to the technique used in the sample reports and data elements listed in (5) above and shown in section II.

(9) The failure data exception reports (sec II, app I) are summary in nature. They are designed to provide capability of inquiry in depth. Each NMP will develop internal programs and will control the programs through the central coordination office to disseminate significant failure data for research and action by cognizant activities.

(10) Analysis of the failure data by the functional area within each NMP or other affected activity within each commodity command must result in an action and in establishing a priority for that action. Priorities will be assigned on the basis of importance of the action and generally categorized as "priority one" if an engineering change order, a modification work order (MWO), critical downtime factors, or personnel safety hazards are indicated. All other actions will be categorized as "priority two." A control by code number of each action case and priority will be established. Such action cases may include, but are not limited to:

(a) Change in the maintenance rate by the provisioning activity.

(b) Corrective maintenance actions or operational instruction procedures which result in publication revision.

(c) Maintenance engineering actions resulting from analysis of trends or excessive failure. Such actions will prevent potential equipment failure and will preclude field submission of equipment improvement reports (EIR's).

(d) Development of an MWO resulting from failure data analysis, as well as followup on the effectiveness of the MWO, and additional action as necessary.

(e) Adjustment of requirements and stocks by the supply activity at each commodity command.

(f) Actions related to product improvement which affect materiel readiness.

(g) Answers to those questions related to comparative reliability and maintainability of components of a major item.

(11) As additional information for the EIR digest, publish the maintenance operational actions resulting from analysis of failure data in accordance with this directive.

Appendix I--Continued

Section I

STANDARD TRANSFER RECORD
RECORD CONTENT AND POSITIONING
(2407 HEADER)

<u>From</u> <u>Card</u> <u>code</u> <u>col</u>	<u>Field legend</u>	<u>Total</u> <u>pos.</u>	<u>Tape</u> <u>pos.</u>	<u>Justify</u> ²	<u>Explanation</u>
LDC ¹	Routing identifier code	3	1-3		
	Document number		(4-17)		
LDC	Batch number	3	4-6		
LDC	Julian processing date	4	7-10		Julian date.
1 1-6	Control number	6	11-16		
1 6	Correction code	1	17		No "11" punch in card column 6, card 1--no correction. "11" punch in card column 6, card 1--convert to numeric "1."
LDC	Record code	1	18		"M."
	Requesting unit		(19-26)		
LDC	Army area	1	19		
1 7-13	Unit identification code (UIC)	7	20-26		

¹AMC Logistic Data Center (AMCLDC).

2All data left-justified unless otherwise indicated.

AMCR 750-27

(2407 HEADER)

<u>From</u>		<u>Field legend</u>		<u>End item</u>		<u>Total</u>		<u>Tape</u>		<u>Jus-</u>		<u>Explanation</u>	
<u>Card</u>	<u>Card</u>	<u>code</u>	<u>colm</u>			<u>pos.</u>		<u>pos.</u>		<u>tify</u>			
1	14-23			Serial number		10		27-36		R		FSN (Federal stock number) in card 1 (card colm 65-79).	
1	24-31			Noun		8		37-44				FSN in card 1 (card colm 65-79).	
1	32-39			Line number		8		45-52				FSN in card 1 (card colm 65-79).	
1	40-47			Model/series		8		53-60				FSN in card 1 (card colm 65-79).	
LDC				Manager routing identifier code (RIC)		3		61-63				FSN in card 1 (card colm 65-79).	
1	65-79			FSN of end item		15		64-78				Item described in card 1 (card colm 14-47).	
LDC				Serial/nonserial code		1		79				"S" equals serial; "Z" equals nonserial.	
LDC				Hours, miles, rounds, and starts		1		80				"H," "M," "R," or "S."	
LDC				MRW code ³		1		81					

²See footnote 2, page 13.³"M" indicates selected item; "R" indicates recoverable item; "W" indicates MWO for nonselected item.

(2407 HEADER)

From		Field legend		Total pos.	Tape pos.	Justify ²	Explanation
Card code	Card colm						
1	48	United States Strategic Army Corps (STRAC) unit		1	82		"1"---Yes. "2"---No.
1	49	Utilization code		1	83		
3	14-18	Hours		5	84-88	R	
3	19-23	Miles		5	89-93	R	
3	24-28	Rounds		5	94-98	R	
3	29-33	Starts		5	99-103	R	
3	34	Failure detected code		1	104		
3	35-37	First indication of trouble		3	105-107		
		Repairing unit			(108-116)		
	LDC	Army area		1	108		
3	49-55	UIC		7	109-115		
3	56	TD/TOE contract		1	116		

AMCR 750.27

Key to explanation column:

"1"---TOE (table of organization and equipment).
"2"---TD (table of distribution).
"3"---Contractor.

²See footnote 2, page 13.

(2407 HEADER)

<u>From</u>		<u>Field legend</u>		<u>Total</u>	<u>Tape</u>	<u>Jus-</u>	<u>Explanation</u>
<u>Card</u>	<u>Card</u>	<u>code</u>	<u>coln</u>	<u>pos.</u>	<u>pos.</u>	<u>tify</u>	
3	57-64	Army Management Structure (AMS) code		8	117-124		
4	14	Action code		1	125		
		Dates			(126-145)		
5	15-18	Submitted		4	126-129		
5	19-22	Received		4	130-133		
5	23-26	Start		4	134-137		
5	27-30	Inspect		4	138-141		
5	31-34	Accept		4	142-145		
5	35	Disposition		1	146		
5	36	Normal replacement code		1	147		
2	48-51	Total man-hours		5	148-152	R	
2	52-57	Total man-hours cost		6	153-158	R	
2	58-64	Total parts cost		7	159-165	R	
1	51-53	Quantity indicated		3	166-168	R	

²See footnote 2, page 13.

(2407 HEADER)

<u>From</u> <u>Card</u> <u>code</u>	<u>Card</u> <u>col</u> <u>col</u>	<u>Field legend</u>	<u>Total</u> <u>pos.</u>	<u>Tape</u> <u>pos.</u>	<u>Jus-</u> <u>tify</u> ²	<u>Explanation</u>
LDC		Manager RIC	3	169-171		FSN in card 1 (card colm 54-64).
1	65-79	FSN end item	15	172-186		For end item of recoverable component.
4	40	Organization modification work order (MWO) indicator	1	187		Blank--Normal. "1"--MWO.
		Record mark	1	188		"#."

²See footnote 2, page 13.

DATA PROCESSING STORAGE LAYOUT

TITLE: STANDARD TRANSFER RECORD--2407 HEADER

BT	DATA	BT	DATA	BT	DATA	BT	DATA
0	ROUTING IDENTIFIER	0	STARTS	0	BT	0	DATA
1	CODE	1	FAILURE DET CODE	1	BT	1	DATA
2	BATCH NUMBER	2	TYPE INDICATION	2	BT	2	DATA
3	JULIAN	3	ARRAY AREA	3	BT	3	DATA
4	PROCESSING DATE	4	OF TROUBLE	4	BT	4	DATA
5	CONTROL	5	UIC	5	BT	5	DATA
6	NUMBER	6	REPAIRING UNIT	6	BT	6	DATA
7	DOCUMENT NUMBER	7	TOP/LOE CONT	7	BT	7	DATA
8	REQUESTING UNIT	8	ARRAY MANAGEMENT	8	BT	8	DATA
9	UNIT IDENTIFICATION	9	STRUCTURE CODE	9	BT	9	DATA
10	CODE (UIC)	10	ACTION CODE	10	BT	10	DATA
11	NUMBER	11	SUBMITTED	11	BT	11	DATA
12	SERIAL	12	RECEIVED	12	BT	12	DATA
13	NUMBER	13	START	13	BT	13	DATA
14	NUMBER	14	INSPECT	14	BT	14	DATA
15	NUMBER	15	ACCEPT	15	BT	15	DATA
16	LINE	16	DISPOSITION	16	BT	16	DATA
17	MODEL/SERIES	17	NORMAL REPLACEMENT CODE	17	BT	17	DATA
18	HAND-OURS	18	TOTAL	18	BT	18	DATA
19	COST	19	MAN-OURS	19	BT	19	DATA
20	TOTAL PARTS	20	COST	20	BT	20	DATA
21	COST	21	QUANTITY	21	BT	21	DATA
22	INDICATED	22	MANAGER MIC	22	BT	22	DATA
23	PSN END ITEM	23	ORG MDO INDICATOR	23	BT	23	DATA
24	RECORD MARK	24	BT	24	BT	24	DATA
25	START	25	BT	25	BT	25	DATA
26	ITEM	26	BT	26	BT	26	DATA
27	STOCK NUMBER	27	BT	27	BT	27	DATA
28	FEDERAL	28	BT	28	BT	28	DATA
29	MANAGER MIC	29	BT	29	BT	29	DATA
30	MODEL/SERIES	30	BT	30	BT	30	DATA
31	MAN-OURS	31	BT	31	BT	31	DATA
32	COST	32	BT	32	BT	32	DATA
33	TOTAL PARTS	33	BT	33	BT	33	DATA
34	COST	34	BT	34	BT	34	DATA
35	MAN-OURS	35	BT	35	BT	35	DATA
36	TOTAL	36	BT	36	BT	36	DATA
37	MAN-OURS	37	BT	37	BT	37	DATA
38	TOTAL	38	BT	38	BT	38	DATA
39	MAN-OURS	39	BT	39	BT	39	DATA
40	TOTAL	40	BT	40	BT	40	DATA
41	MAN-OURS	41	BT	41	BT	41	DATA
42	TOTAL	42	BT	42	BT	42	DATA
43	MAN-OURS	43	BT	43	BT	43	DATA
44	TOTAL	44	BT	44	BT	44	DATA
45	MAN-OURS	45	BT	45	BT	45	DATA
46	TOTAL	46	BT	46	BT	46	DATA
47	MAN-OURS	47	BT	47	BT	47	DATA
48	TOTAL	48	BT	48	BT	48	DATA
49	MAN-OURS	49	BT	49	BT	49	DATA
50	TOTAL	50	BT	50	BT	50	DATA
51	MAN-OURS	51	BT	51	BT	51	DATA
52	TOTAL	52	BT	52	BT	52	DATA
53	MAN-OURS	53	BT	53	BT	53	DATA
54	TOTAL	54	BT	54	BT	54	DATA
55	MAN-OURS	55	BT	55	BT	55	DATA
56	TOTAL	56	BT	56	BT	56	DATA
57	MAN-OURS	57	BT	57	BT	57	DATA
58	TOTAL	58	BT	58	BT	58	DATA
59	MAN-OURS	59	BT	59	BT	59	DATA
60	TOTAL	60	BT	60	BT	60	DATA
61	MAN-OURS	61	BT	61	BT	61	DATA
62	TOTAL	62	BT	62	BT	62	DATA
63	MAN-OURS	63	BT	63	BT	63	DATA
64	TOTAL	64	BT	64	BT	64	DATA
65	MAN-OURS	65	BT	65	BT	65	DATA
66	TOTAL	66	BT	66	BT	66	DATA
67	MAN-OURS	67	BT	67	BT	67	DATA
68	TOTAL	68	BT	68	BT	68	DATA
69	MAN-OURS	69	BT	69	BT	69	DATA
70	TOTAL	70	BT	70	BT	70	DATA
71	MAN-OURS	71	BT	71	BT	71	DATA
72	TOTAL	72	BT	72	BT	72	DATA
73	MAN-OURS	73	BT	73	BT	73	DATA
74	TOTAL	74	BT	74	BT	74	DATA
75	MAN-OURS	75	BT	75	BT	75	DATA
76	TOTAL	76	BT	76	BT	76	DATA
77	MAN-OURS	77	BT	77	BT	77	DATA
78	TOTAL	78	BT	78	BT	78	DATA
79	MAN-OURS	79	BT	79	BT	79	DATA
80	TOTAL	80	BT	80	BT	80	DATA
81	MAN-OURS	81	BT	81	BT	81	DATA
82	TOTAL	82	BT	82	BT	82	DATA
83	MAN-OURS	83	BT	83	BT	83	DATA
84	TOTAL	84	BT	84	BT	84	DATA
85	MAN-OURS	85	BT	85	BT	85	DATA
86	TOTAL	86	BT	86	BT	86	DATA
87	MAN-OURS	87	BT	87	BT	87	DATA
88	TOTAL	88	BT	88	BT	88	DATA
89	MAN-OURS	89	BT	89	BT	89	DATA
90	TOTAL	90	BT	90	BT	90	DATA
91	MAN-OURS	91	BT	91	BT	91	DATA
92	TOTAL	92	BT	92	BT	92	DATA
93	MAN-OURS	93	BT	93	BT	93	DATA
94	TOTAL	94	BT	94	BT	94	DATA
95	MAN-OURS	95	BT	95	BT	95	DATA
96	TOTAL	96	BT	96	BT	96	DATA
97	MAN-OURS	97	BT	97	BT	97	DATA
98	TOTAL	98	BT	98	BT	98	DATA
99	MAN-OURS	99	BT	99	BT	99	DATA
100	TOTAL	100	BT	100	BT	100	DATA

(2407 TRAILER)

<u>From</u> <u>Card</u> <u>code</u>	<u>Card</u> <u>col</u> <u>m</u>	<u>Field legend</u>	<u>Total</u> <u>pos.</u>	<u>Tape</u> <u>pos.</u>	<u>Jus-</u> <u>tify</u> ²	<u>Explanation</u>
LDC ¹		Routing identifier code	3	1-3		
		Document number		(4-17)		
LDC		Batch number	3	4-6		
LDC		Julian processing date	4	7-10		Julian date.
4	1-6	Control number	6	11-16		
4	6	Correction code	1	17		No "11" punch in card column 6, card 1--no correction. "11" punch in card column 6, card 1--convert to numeric "1."
LDC		Record code	1	18		"S."
4	14	Action code	1	19		
4	15-17	Failure code	3	20-22		
4	(18-39)	Component, part, noun, service, or MWO	22	(23-44)		
4	18-22	Component breakdown (CB) code	5	23-27		
4	23-29	Designator	7	28-34		

¹See footnote 1, page 13.²See footnote 2, page 13.

(2407 TRAILER)

<u>From</u> <u>Card</u> <u>code</u>	<u>Card</u> <u>col</u> <u>m</u>	<u>Field legend</u>	<u>Total</u> <u>pos.</u>	<u>Tape</u> <u>pos.</u>	<u>Jus-</u> <u>tify</u> ²	<u>Explanation</u>
4	30-34	Manufacturer's code	5	35-39		
4	35-39	Blank	5	40-44		
4	40-43	Man-hours	4	45-48	R	Fourth position contains tenths of hours.
4	44-58	FSN	15	49-63		
4	60-63	Quantity	4	64-67	R	
	LDC	Part cost	7	68-74	R	
4	59	Part source code	1	75		
	LDC	Part manager RIC	3	76-78		
		Blank	1	79		
		Record mark	1	80		"#."

²See footnote 2, page 13.

DATA PROCESSING STORAGE LAYOUT

TITLE: STANDARD TRANSFER RECORD--2407 TRAILER

BIT	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
DATA	<div>ROUTING IDENTIFIER</div> <div>DOCUMENT NUMBER</div> <div>DATE</div> <div>CONTROL NUMBER</div> <div>CLASS CODE</div> <div>ACTION CODE</div> <div>FAILURE CODE</div> <div>COMPONENT ORIGIN (CB)</div> <div>DESIGNATOR</div> <div>MANUFACTURER'S CODE</div> <div>BLANK</div> <div>HAN-HOURS</div> <div>SIZE</div> <div>QUANTITY</div> <div>PART COST</div> <div>PART SOURCE CODE</div> <div>PART MANAGER RIC</div> <div>BLANK</div> <div>RECORD MARK</div>																			
BIT	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
DATA																				
BIT	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
DATA																				
BIT	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
DATA																				

(2408-3 HEADER)

<u>From</u> <u>Card</u> <u>code</u>	<u>Card</u> <u>col</u>	<u>Field legend</u>	<u>Total</u> <u>pos.</u>	<u>Tape</u> <u>pos.</u>	<u>Jus-</u> <u>tify</u> ²	<u>Explanation</u>
LDC ¹		Routing identifier code	3	1-3		
		Document number		(4-17)		
LDC		Batch number	3	4-6		
LDC		Julian processing date	4	7-10		Julian date.
A 1-6		Control number	6	11-16		
A 6		Correction code	1	17		No "11" punch in card column 6, card 1--no correction. "11" punch in card column 6, card 1--convert to numeric "1."
LDC		Record code	1	18		"A."
		Reporting unit		(19-26)		
LDC		Army area	1	19		
A 7-13		UIC	7	20-26		
		End item		(27-78)		
A 14-23		Serial number	10	27-36		R
A 24-31		Noun	8	37-44		

¹See footnote 1, page 13.²See footnote 2, page 13.

(2408-3 HEADER)

From		Field legend		Total		Jus-		Explanation
Card code	Card colm			pos.	Tape pos.	tify ²		
A	32-39	Line number		8	45-52			
A	40-47	Model/series		8	53-60			
LDC		Manager RIC		3	61-63			
A	55-79	FSN of end item		15	64-78			
LDC		Serial/nonserial code		1	79			"S" equals serial. "Z" equals nonserial.
LDC		Hours, miles, rounds, and starts		1	80			"H," "M," "R," or "S."
LDC		MRW code ³		1	81			
A	48	STRAC		1	82			"1"---Yes, "2"---No.
A	49	Utilization code		1	83			
D	16-20	Start/cutoff hours		5	84-88		R	
D	21-25	Start/cutoff miles		5	(89-93)		R	
D	35-37	Landing (aircraft only)		3	91-93		R	
D	26-30	Start/cutoff; rounds/starts		5	94-98		R	

²See footnote 2, page 13.³See footnote 3, page 14.

(2408-3 HEADER)

From Card code	Card coln	Field legend	Total pos.	Tape pos.	Justify ²	Explanation
D 38-42		Gallons of fuel	5	99-103	R	
D 64		Control	1	104		
D 43-44		Possible equipment days	2	105-106	R	
D 45-47		Organization maintenance ⁴	4	107-110	R	
D 48-50		Support maintenance ⁴	4	111-114	R	
D 51		Equipment serviceability code	1	115		"A"--Green. "B"--Amber. "C"--Red.
D 52		Tools	1	116		
D 31-34		Start/cutoff date	4	117-120		
		Blank	3	121-123		
		Record mark	1	124		"#."

24

²See footnote 2, page 13.⁴Organizational and support maintenance fields represent hours in missile equipment reports. An overpunch "11" or "12" in card columns 45 and 48 will expand fields by one thousand or two thousand, respectively.

DATA PROCESSING STORAGE LAYOUT

TITLE: STANDARD TRANSFER RECORD--2408-3 HEADER

BIT	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100																			
DATA	ROVING IDENTIFIER										END ITEM										TSM OF END ITEM																			
	DOCUMENT NUMBER					REPORTING UNIT					SERIAL NUMBER					MODEL/					MANAGER RIG																			
	JULIAN					DATE					CONTROL					NUMBER					HOUR					LINE					SERIES									
	BATCH					NUMBER					CORR CODE					ARMY AREA					UNIT					CODE (VIC)					SERIAL									
	PROCESSING					DATE					CONTROL					NUMBER					CORR CODE					ARMY AREA					UNIT									
	MAINTENANCE					DATE					CONTROL					NUMBER					CORR CODE					ARMY AREA					UNIT									
	SUPPORT					DATE					CONTROL					NUMBER					CORR CODE					ARMY AREA					UNIT									
	EQUIP SVC CODE					DATE					CONTROL					NUMBER					CORR CODE					ARMY AREA					UNIT									
	TOOL					DATE					CONTROL					NUMBER					CORR CODE					ARMY AREA					UNIT									
	START/CUTOFF DATE					DATE					CONTROL					NUMBER					CORR CODE					ARMY AREA					UNIT									
DATA	GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE									
	GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE									
	GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE									
	GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE									
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	GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE									
DATA	GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE									
	GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE									
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	GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE									
DATA	GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE									
	GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE									
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	GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE									
	GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE									
	GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE									
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	GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE									
	GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE										GALLONS OF GASOLINE									

(2408-3 TRAILER)

<u>From</u> <u>Card</u> <u>code</u>	<u>Card</u> <u>col</u> <u>col</u>	<u>Field legend</u>	<u>Total</u> <u>pos.</u>	<u>Tape</u> <u>pos.</u>	<u>Jus-</u> <u>tify</u> ²	<u>Explanation</u>
LDC ¹		Routing identifier code	3	1-3		
B		Document number		(4-17)		
LDC		Batch number	3	4-6		
LDC		Julian processing date	4	7-10		Julian date.
B 1-6		Control number	6	11-16		
B 6		Correction code	1	17		No "11" punch in card column 6, card 1--no correction. "11" punch in card column 6, card 1--convert to numeric "1."
LDC		Record code	1	18		"D."
B 20		Action code	1	19		
B 21-23		Failure code	3	20-22		
B 24-40		Component, part, noun, or service	17	(23-39)		
B 24-28		Component breakdown (CB) code	5	23-27		

¹See footnote 1, page 13.²See footnote 2, page 13.

(2408-3 TRAILER)

<u>From</u>		<u>Field legend</u>		<u>Total</u>	<u>Tape</u>	<u>Jus-</u>	<u>Explanation</u>
<u>Card</u>	<u>Card</u>			<u>pos.</u>	<u>pos.</u>	<u>tify</u> ²	
B	29-35	Designator		7	28-34		
B	36-40	Manufacturer's code		5	35-39		
		Blank		5	40-44		
B	41-44	Man-hours		4	45-48	R	
B	45-59	FSN (part)		15	49-63		
B	60-62	Quantity		4	64-67	R	LDC will emit "0" in card column 64.
		Part cost		7	68-74	R	
D	64	Control		1	75		
		Parts manager RIC		3	76-78		
B	16	Failure detected code		1	79		
B	17-19	First indication of trouble		3	80-82		
		Blank		1	83		
C	16-20	Hours		5	84-88	R	
C	21-25	Miles		5	89-93	R	

²See footnote 2, page 13.

(2408-3 TRAILER)

<u>From</u>		<u>Field legend</u>		<u>Total</u>	<u>Tape</u>	<u>Jus-</u>	<u>Explanation</u>
<u>Card</u>	<u>Card</u>			<u>pos.</u>	<u>pos.</u>	<u>tify</u> ²	
C	26-30	Rounds/starts		5	94-98	R	
C	31-34	Date (Julian)		4	99-102		
		Blank		1	103		
		Record mark		1	104		"#."

²See footnote 2, page 13.

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
DATE (JULIAN)																					
ROUNDS/STARTS																					
MILES																					
HOURS																					
BLANK																					
FIRST INDICATION OF TROUBLE																					
FAILURE DET CODE																					
PARTS MANAGER RIC																					
COUNTROL																					
PART COST																					
QUANTITY																					
FSM PART																					
MAN-HOURS																					
BLANK																					
COMPONENT, PART, ROW, OR SERVICE																					
DESIGNATOR																					
CODE BREAKDOWN (CB)																					
FAILURE CODE																					
ACTION CODE																					
CONTROL NUMBER																					
JULIAN PROCESSING DATE																					
DATUM NUMBER																					
ROUTING IDENTIFIER CODE																					
DATA																					
BIT																					

(2408-7 HEADER)

<u>From</u> <u>Card</u> <u>code</u>	<u>Card</u> <u>col</u>	<u>Field legend</u>	<u>Total</u> <u>pos.</u>	<u>Tape</u> <u>pos.</u>	<u>Jus-</u> <u>tify</u> ²	<u>Explanation</u>
LDC ¹		Routing identifier code	3	1-3		
LDC		Document number		(4-17)		
LDC		Batch number	3	4-6		
LDC		Julian processing date	4	7-10		Julian date.
J 1-6		Control number	6	11-16		
J 6		Correction code	1	17		No "11" punch in card column 6, card 1--no correction. "11" punch in card column 6, card 1--convert to numeric "1."
LDC		Record code	1	18		"J."
LDC		Reporting unit		(19-26)		
J 17-23		Army area	1	19		
		UIC	7	20-26		
		End item		(27-78)		
J 7-16		Serial number	10	27-36		R

¹See footnote 1, page 13.²See footnote 2, page 13.

(2408-7 HEADER)

<u>From</u> <u>Card</u> <u>code</u>	<u>Card</u> <u>col</u> <u>m</u>	<u>Field legend</u>	<u>Total</u> <u>pos.</u>	<u>Tape</u> <u>pos.</u>	<u>Jus-</u> <u>tify</u> ²	<u>Explanation</u>
J	24-31	Noun	8	37-44		
J	32-39	Line number	8	45-52		
J	40-47	Model/series	8	53-60		
LDC		Manager RIC	3	61-63		
J	65-79	FSN of end item	15	64-78		
LDC		Serial/nonserial code	1	79		
LDC		Hours, miles, rounds, and starts	1	80		
LDC		MRW code ³	1	81		"1"--Yes, "2"--No.
J	48	STRAC	1	82		
J	49	Utilization code	1	83		
K	17-20	Date of manufacture	4	84-87		
K	21-25	Manufacturer's code	5	88-92		
K	26-30	Hours	5	93-97	R	

²See footnote 2, page 13.³See footnote 3, page 14.

(2408-7 HEADER)

<u>From</u>		<u>Field legend</u>		<u>Total</u>		<u>Tape</u>		<u>Jus-</u>		<u>Explanation</u>	
<u>Card</u>	<u>Card</u>			<u>pos.</u>		<u>pos.</u>		<u>tify</u>			
<u>code</u>	<u>coln</u>										
K	31-35	Miles		5		98-102	R				
K	36-40	Rounds/starts		5		103-107	R				
K	41-48	TOE number		8		108-115					
K	49-56	TD number		8		116-123					
K	57-59	Other		3		124-126					
K	60-63	Report date		4		127-130					
K	64	Type		1		131					
		Reporting unit				(132-139)					
	LDC	Army area		1		132					
J	53-59	UIC		7		133-139					
J	79	Initial inventory code		1		140				Blank--normal.	
		Blank		2		141-143				"1"--Initial inventory.	
		Record mark		1		144				"#."	

²See footnote 2, page 13.

33

(2408--8 HEADER)

From Card code	Card col	Field legend	Total pos.	Tape pos.	Jus- tify ²	Explanation
LDC ¹		Routing identifier code	3	1-3		
		Document number		(4-17)		
LDC		Batch number	3	4-6		
LDC		Julian processing date	4	7-10		Julian date.
G 1-6		Control number	6	11-16		
G 6		Correction code	1	17		No "11" punch in card col- umn 6, card 1--no correc- tion. "11" punch in card column 6, card 1--convert to numeric "1."
LDC		Record code	1	18		"G."
		Reporting unit		(19-26)		
LDC		Army area	1	19		
G 17-23		UIC	7	20-26		
		End item		(27-78)		
G 7-16		Serial number	10	27-36		R

¹See footnote 1, page 13.²See footnote 2, page 13.

(2408-8 HEADER)

<u>From</u>		<u>Field legend</u>		<u>Total</u>	<u>Tape</u>	<u>Jus-</u>	<u>Explanation</u>
<u>Card</u>	<u>Card</u>			<u>pos.</u>	<u>pos.</u>	<u>tify</u> ²	
G	24-31	Noun		8	37-44		
G	32-39	Line number		8	45-52		
G	40-47	Model/series		8	53-60		
	LDC	Manager RIC			61-63		
G	65-75	Federal stock number (FSN) of end item		15	64-78		15-position field left for compatibility. Only 11 positions appear in card.
	LDC	Serial/nonserial code		1	79		"S" equals serial. "Z" equals nonserial.
	LDC	Hours, miles, rounds, and starts		1	80		
	LDC	MRW code ³		1	81		
		Blank		2	82-83		
H	17-20	Date of manufacture		4	84-87		
H	30-34	Manufacturer's code		5	88-92		
H	21-29	Manufacturer		9	93-101		

²See footnote 2, page 13.³See footnote 3, page 14.

(2408-8 HEADER)

<u>From</u>		<u>Field legend</u>	<u>Total pos.</u>	<u>Tape pos.</u>	<u>Jus- tify²</u>	<u>Explanation</u>
<u>Card code</u>	<u>Card colm</u>					
H	35-43	Cost of end item	9	102-110	R	
H	44-63	Purchase order	20	111-130		
G	48-59	Registration of hull number	12	131-142	R	
G	60-63	Report date	4	143-146		
G	64	Control	1	147		Blank--No change. "1"--FSN change.
I	49-63	Old FSN	15	148-162		Blank, if no change.
		Blank	1	163		
		Record mark	1	164		"#."

²See footnote 2, page 13.

TITLE: STANDARD TRANSFER RECORD--2408-8 HEADER

37

(2408-7 and 2408-8 TRAILERS)

<u>From</u> <u>Card</u> <u>code</u>	<u>Card</u> <u>col</u>	<u>Field legend</u>	<u>Total</u> <u>pos.</u>	<u>Tape</u> <u>pos.</u>	<u>Jus-</u> <u>tify</u> ²	<u>Explanation</u>
LDC ¹		Routing identifier code	3	1-3		
		Document number		(4-17)		
LDC		Batch number	3	4-6		
LDC		Julian processing date	4	7-10		Julian date.
I/M 1-6		Control number	6	11-16		
I/M 6		Correction number	1	17		No "11" punch in card column 6, card 1--no correction. "11" punch in card column 6, card 1--convert to numeric "1."
LDC		Record code	1	18		"L" for 2408-7. "I" for 2408-8.
		Component/attachment		(19-64)		
I/M 17-21		Manufacturer's code	5	19-23		
I/M 22-29		Model/series	8	24-31		
I/M 30-39		Serial number	10	32-41	R	
I/M 40-47		Noun	8	42-49		

¹See footnote 1, page 13.²See footnote 2, page 13.

(2408-7 and 2408-8 TRAILERS)

<u>From</u>	<u>Card</u>	<u>Card</u>	<u>code</u>	<u>coln</u>	<u>Field legend</u>	<u>Total</u>	<u>Tape</u>	<u>Jus-</u>	<u>Explanaton</u>
						<u>pos.</u>	<u>pos.</u>	<u>tify</u>	
I/M	49-63				FSN	15	50-64		
LDC					Part (attachment) manager RIC	3	65-67		
					Record mark	1	68		"#."

DATA PROCESSING STORAGE LAYOUT

TITLE: STANDARD TRANSFER RECORD--2408-7 AND 2408-8 TRAILERS

BIT	DATA	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	
ROUTING IDENTIFIER CODE		BATCH NUMBER		JULIAN PROCESSING DATE		CONTROL NUMBER		CONR CODE OR IN REC CODE		MANUFACTURER'S CODE		MODEL/SERIES		SERIAL NUMBER		NOUN		TSN		PARTS MANAGER RIC		RECORD MARK	
BIT	DATA	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	
BIT	DATA	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	
BIT	DATA	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	

(2410 HEADER)

<u>From</u>		<u>Field legend</u>		<u>Total</u>	<u>Tape</u>	<u>Jus-</u>	<u>Explanation</u>
<u>Card</u>	<u>Card</u>			<u>pos.</u>	<u>pos.</u>	<u>tify</u> ²	
	<u>code</u>						
	<u>coln</u>						
LDC ¹		Routing identifier code		3	1-3		
		Document number			(4-17)		
LDC		Batch number		3	4-6		
LDC		Julian processing date		4	7-10		Julian date.
T 1-6		Control number		6	11-16		
T 6		Correction code		1	17		No "11" punch in card column 6, card 1--no correction. "11" punch in card column 6, card 1--convert to numeric "1."
							"T,"
LDC		Record code		1	18		
T 79		Copy.		1	19		
		Component			(20-94)		
T 7-21		FSN		15	20-34		
T 22-31		Serial number		10	35-44	R	
W 66-73		Serial number (overflow)		8	45-52		

¹See footnote 1, page 13.²See footnote 2, page 13.

(2410 HEADER)

<u>From</u> <u>Card</u> <u>code</u>	<u>Card</u> <u>col</u> <u>col</u>	<u>Field legend</u>	<u>Total</u> <u>pos.</u>	<u>Tape</u> <u>pos.</u>	<u>Jus-</u> <u>tify</u> ²	<u>Explanation</u>
T	32-39	Noun	8	53-60		
T	40-47	Model	8	61-68		
T	48-52	Manufacturer's code	5	69-73		
T	53-67	Part number	21	74-94		
T	21	Aircraft designator	1	95		Blank or "2."
T	74	Transaction code	1	96		
T	79	Initial inventory code	1	97		Blank or "1."
T	75-78	Date inspection and action	4	98-101		
U	32-35	Hours	4	102-105	R	
U	36-40	Miles	5	106-110	R	
U	41-42	Number of overhauls	2	111-112	R	
		Hours		(113-126)		
U	43-46	Time between overhauls (TBO)	5	113-117	R	LDC will decode zone punch in card column 43.
U	47-51	Since new	5	118-122	R	

²See footnote 2, page 13.

(2410 HEADER)

<u>From</u> <u>Card</u> <u>code</u>	<u>Card</u> <u>col</u> <u>m</u>	<u>Field legend</u>	<u>Total</u> <u>pos.</u>	<u>Tape</u> <u>pos.</u>	<u>Jus-</u> <u>tify</u> ²	<u>Explanation</u>
U	52-55	Since overhaul	4	123-126	R	
U	56-70	Redesignation of FSN	15	127-141		
		End item		(142-182)		
V	32-39	Noun removed (From)	8	142-149		
V	40-47	Model removed (From)	8	150-157		
V	48-62	FSN removed (From)	15	158-172		
V	63-72	Serial number removed (From)	10	173-182	R	
	LDC	Army area of reporting unit	1	183		
W	32-38	Reporting UIC	7	184-190		
W	39-41	Failure code (component)	3	191-193		
W	42	Failure detected during code (component)	1	194		
W	43	Effect on mission code (component)	1	195		
W	44	Disposition code (component)	1	196		

²See footnote 2, page 13.

(2410 HEADER)

From Card code	Card col	Field legend	Total pos.	Tape pos.	Jus- tify ²	Explanation
W 45		Inspect code	1	197		
W 46		Reason	1	198		
W 47-50		Man-hours	4	199-202	R	
LDC		Army area (Ship To)	1	203		
W 51-57		UIC (Ship To)	7	204-210		
W 58-61		Date shipped	4	211-214		
W 62-65		Date received	4	215-218		
		Blank	1	219		
		Record mark	1	220		"#,"

²See footnote 2, page 13.

45

(2410 TYPE "X" RECORD)

<u>From</u> <u>Card</u> <u>code</u>	<u>Card</u> <u>col</u> <u>col</u>	<u>Field legend</u>	<u>Total</u> <u>pos.</u>	<u>Tape</u> <u>pos.</u>	<u>Jus-</u> <u>tify</u> ²	<u>Explanation</u>
	LDC ¹	Routing identifier code	3	1-3		
		Document number		(4-17)		
	LDC	Batch number	3	4-6		
	LDC	Julian processing date	4	7-10		Julian date.
X	1-6	Control number	6	11-16		
X	6	Correction code	1	17		No "11" punch in card column 6, card 1--no correction. "11" punch in card column 6, card 1--convert to numeric "1."
	LDC	Record code	1	18		"X."
X	79	Copy	1	19		
		Part		[20-53]		
X	32-34	Failure code	3	20-22		
X	(35-46)	Part noun	12	(23-34)		
X	35-39	CB code	5	23-27		

¹See footnote 1, page 13.²See footnote 2, page 13.

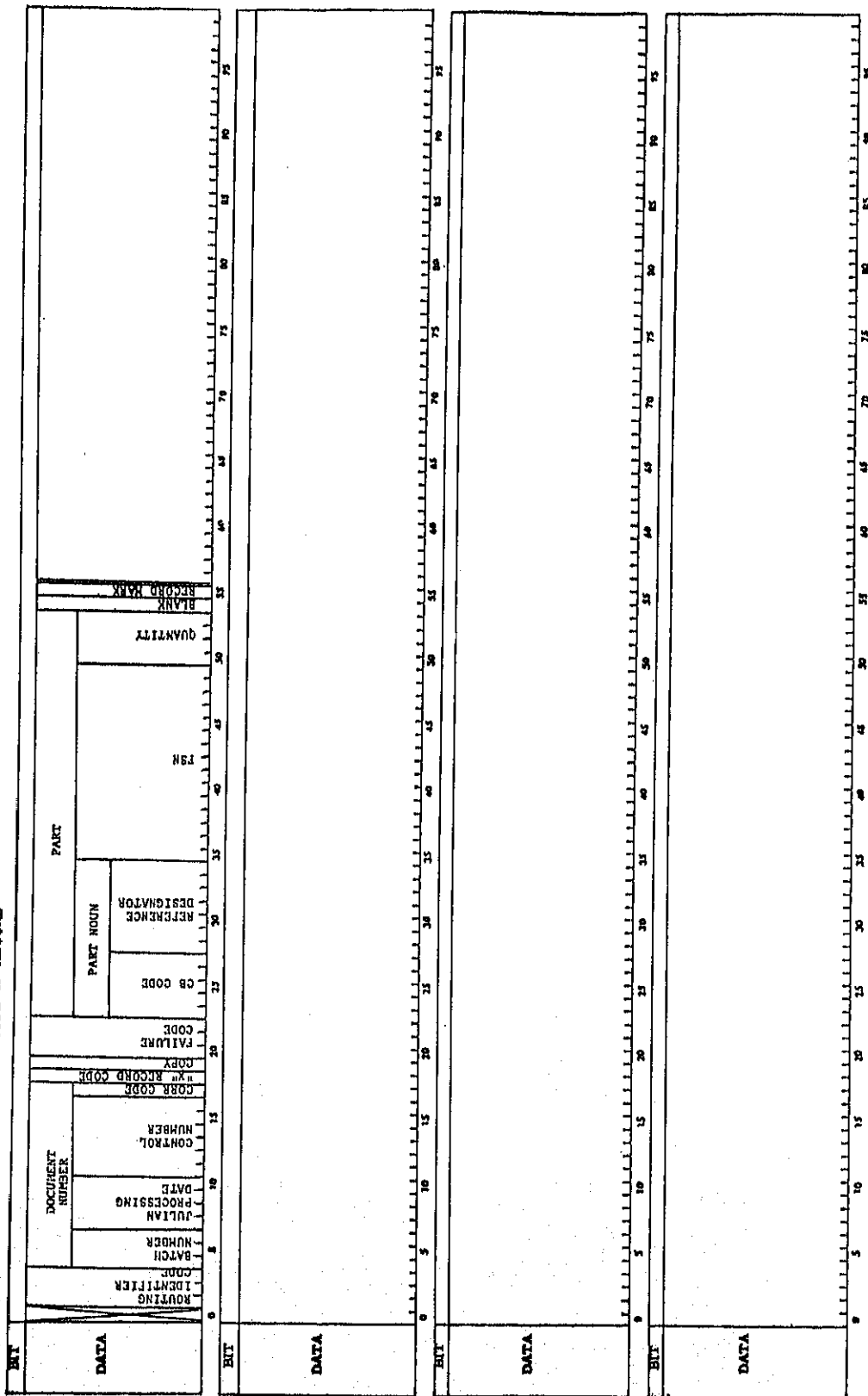
APPENDIX I--Continued
(2410 TYPE "X" RECORD)

<u>From</u> <u>Card</u> <u>code</u>	<u>Card</u> <u>col</u> <u>col</u>	<u>Field legend</u>	<u>Total</u> <u>pos.</u>	<u>Tape</u> <u>pos.</u>	<u>Jus-</u> <u>tify</u> ²	<u>Explanation</u>
X	40-46	Reference designator	7	28-34		
X	47-61	FSN	15	35-49		
X	62-65	Quantity	4	50-53	R	
		Blank	1	54		
		Record mark	1	55		"Z."

²See footnote 2, page 13.

DATA PROCESSING STORAGE LAYOUT

TITLE: STANDARD TRANSFER RECORD-2410 TYPE "X" RECORD



(2410-1 TYPE "Z" RECORD)

<u>From</u> <u>Card</u> <u>code</u>	<u>Card</u> <u>col</u> <u>code</u>	<u>Field legend</u>	<u>Total</u> <u>pos.</u>	<u>Tape</u> <u>pos.</u>	<u>Jus-</u> <u>tify</u> ²	<u>Explanation</u>
LDC ¹		Routing identifier code	3	1-3		
		Document number		(4-17)		
LDC		Batch number	3	4-6		
LDC		Julian processing date	4	7-10		Julian date.
Z 1-6		Control number	5	11-16		
Z 6		Correction code	1	17		No "11" punch in card column 6, card 1--no correction. "11" punch in card column 6, card 1--convert to numeric "1."
LDC		Record code	1	18		"Z."
Z 21		Aircraft designator code	1	19		
Z 7-21		Component FSN	15	20-34		
Z 22-31		Component serial number	18	35-52	R	
LDC		Army area of reporting unit	1	53		
Z 32-38		UIC code	7	54-60		

¹See footnote 1, page 13.²See footnote 2, page 13.

(2410-1 TYPE "Z" RECORD)

From Card code	Card col	Field legend	Total pos.	Tape pos.	Jus- tify ²	Explanation
Z 39		Action code	1	61		
Z 40-43		Action date	4	62-65		
Z 44		Status	1	66		
Z 45		Location	1	67		
LDC		Army area of concerned unit	1	68		
Z 51-57		Concerned UIC	7	69-75		
Z 58-61		Move date	4	76-79		
Z 74		Move code	1	80		
Z 75-78		Report date	4	81-84		
		Blanks	3	85-87		
		Record mark	1	88		"#."

²See footnote 2, page 13.

DATA PROCESSING STORAGE LAYOUT

TITLE: STANDARD TRANSFER RECORD--2410-1 TYPE "2" RECORD

BIT	ROUTING IDENTIFIER		DOCUMENT NUMBER		CONFIDENT		REPORTING UNIT		ACTION CODE		DATE		STATUS		LOCATION		ARMY AREA		UIC CODE		MOVE DATE		MOVE CODE		REPORT DATE		BLANKS		RECORD MARK	
DATA	0-5		6-10		11-15		16-20		21-25		26-30		31-35		36-40		41-45		46-50		51-55		56-60		61-65		66-70		71-75	
BIT	0-5		6-10		11-15		16-20		21-25		26-30		31-35		36-40		41-45		46-50		51-55		56-60		61-65		66-70		71-75	
DATA	0-5		6-10		11-15		16-20		21-25		26-30		31-35		36-40		41-45		46-50		51-55		56-60		61-65		66-70		71-75	
BIT	0-5		6-10		11-15		16-20		21-25		26-30		31-35		36-40		41-45		46-50		51-55		56-60		61-65		66-70		71-75	
DATA	0-5		6-10		11-15		16-20		21-25		26-30		31-35		36-40		41-45		46-50		51-55		56-60		61-65		66-70		71-75	

PRINTER LAYOUT

[illegible]